

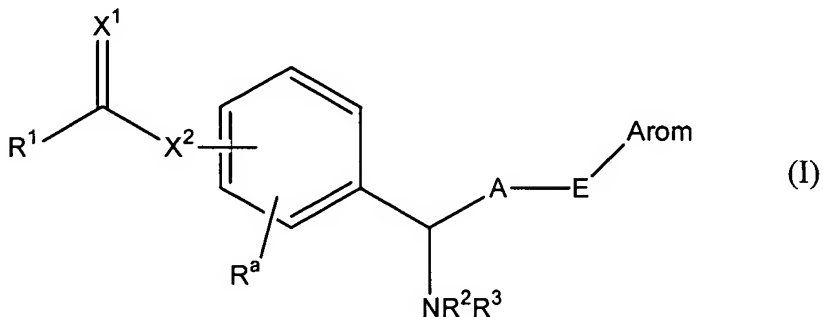
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1 to 45. (canceled)

Claim 46. (currently amended) A compound of formula (I):



wherein  $R^1$  represents a  $C_1$ - $C_6$  alkyl group, an amino group, a ( $C_1$ - $C_6$  alkyl) amino group, a di( $C_1$ - $C_6$  alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

$R^2$  and  $R^3$  are the same or different and represent a hydrogen atom or a  $C_1$ - $C_6$  alkyl group;

Arom represents an unsubstituted phenyl group or a phenyl group substituted at from 1 to 5 positions by one or more substituents which are the same or different and are from the substituent group  $\alpha$ ; [[;]]

A represents a C<sub>1</sub>-C<sub>6</sub> alkylene group;

R<sup>a</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>6</sub> alkyl group or a C<sub>2</sub>-C<sub>6</sub> alkenyl group;

E represents an oxygen atom, a sulfur atom or a group of the formula -NR<sup>4</sup>-, wherein R<sup>4</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>7</sub> alkanoyl group;

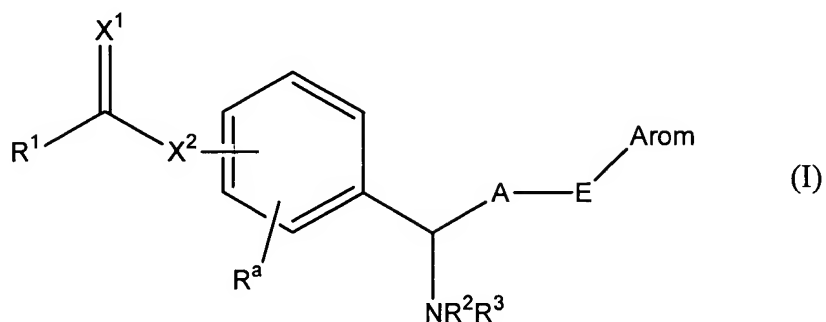
X<sup>1</sup> represents an oxygen atom or a sulfur atom;

X<sup>2</sup> is oxygen and is attached at position C4 of the phenyl ring;

the substituent group  $\alpha$  being selected from the group consisting of a halogen atom, C<sub>1</sub>-C<sub>6</sub> alkyl group, halogeno C<sub>1</sub>-C<sub>6</sub> alkyl group, C<sub>1</sub>-C<sub>6</sub> alkoxy group, C<sub>1</sub>-C<sub>6</sub> alkylthio group, C<sub>1</sub>-C<sub>3</sub> alkylenedioxy group, C<sub>1</sub>-C<sub>7</sub> alkanoyl group, C<sub>2</sub>-C<sub>7</sub> alkyloxycarbonyl group, amino group, C<sub>1</sub>-C<sub>7</sub> alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group;

or a pharmacologically acceptable salt or ester thereof.

**Claim 47. (currently amended)** A compound of formula (I):



wherein  $R^1$  represents a  $C_1$ - $C_6$  alkyl group, an amino group, a ( $C_1$ - $C_6$  alkyl) amino group, a di( $C_1$ - $C_6$  alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

$R^2$  and  $R^3$  are the same or different and represent a hydrogen atom or a  $C_1$ - $C_6$  alkyl group;

Arom represents an unsubstituted phenyl group or a phenyl group substituted at from 1 to 5 positions by one or more substituents which are the same or different and are from the substituent group  $\alpha$ ; [[;]]

A represents a  $C_1$ - $C_6$  alkylene group;

$R^a$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or a  $C_2$ - $C_6$  alkenyl group;

E represents an oxygen atom, a sulfur atom or a group of the formula  $-NR^4-$ , wherein  $R^4$  represents a hydrogen atom or a  $C_1$ - $C_7$  alkanoyl group;

$X^1$  represents an oxygen atom or a sulfur atom;

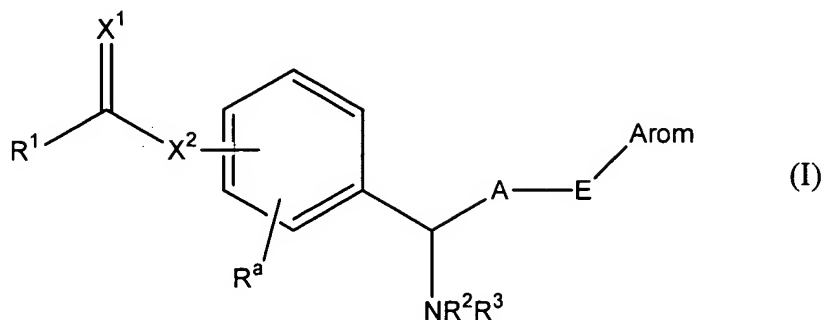
$X^2$  is oxygen and is attached at position C4 of the phenyl ring;

wherein the group of formula  $R^1-C(=X^1)-$  is a ( $C_1$ - $C_4$  alkyl) carbamoyl group or a di( $C_1$ - $C_4$  alkyl) carbamoyl group;

the substituent group  $\alpha$  being selected from the group consisting of a halogen atom,  $C_1$ - $C_6$  alkyl group, halogeno  $C_1$ - $C_6$  alkyl group,  $C_1$ - $C_6$  alkoxy group,  $C_1$ - $C_6$  alkylthio group,  $C_1$ - $C_3$  alkylenedioxy group,  $C_1$ - $C_7$  alkanoyl group,  $C_2$ - $C_7$  alkyloxycarbonyl group, amino group,  $C_1$ - $C_7$  alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group;

or a pharmacologically acceptable salt or ester thereof.

**Claim 48. (currently amended)** A compound of formula (I):



wherein  $R^2$  and  $R^3$  are the same or different and represent a hydrogen atom or a  $C_1$ - $C_6$  alkyl group;

Arom represents an unsubstituted phenyl group or a phenyl group substituted at from 1 to 5 positions by one or more substituents which are the same or different and are from the substituent group  $\alpha$ ;[[;]]

A represents a  $C_1$ - $C_6$  alkylene group;

$R^a$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or a  $C_2$ - $C_6$  alkenyl group;

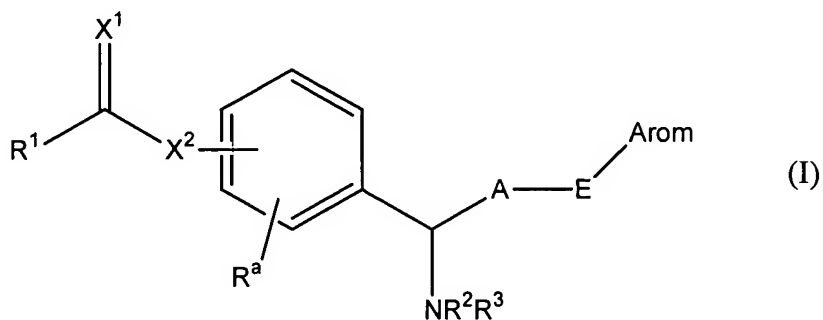
E represents an oxygen atom, a sulfur atom or a group of the formula  $-NR^4-$ , wherein  $R^4$  represents a hydrogen atom or a  $C_1$ - $C_7$  alkanoyl group;

$X^2$  is oxygen and is attached at position C4 of the phenyl ring;

wherein the group of formula  $R^1-C(=X^1)-$  is a dimethylcarbamoyl group or an ethylmethylcarbamoyl group;

the substituent group  $\alpha$  being selected from the group consisting of a halogen atom,  $C_1-C_6$  alkyl group, halogeno  $C_1-C_6$  alkyl group,  $C_1-C_6$  alkoxy group,  $C_1-C_6$  alkylthio group,  $C_1-C_3$  alkylenedioxy group,  $C_1-C_7$  alkanoyl group,  $C_2-C_7$  alkyloxycarbonyl group, amino group,  $C_1-C_7$  alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group; or a pharmacologically acceptable salt or ester thereof.

**Claim 49. (currently amended)** A compound of formula (I):



wherein  $R^1$  represents a  $C_1-C_6$  alkyl group, an amino group, a ( $C_1-C_6$  alkyl) amino group, a di( $C_1-C_6$  alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

$R^2$  and  $R^3$  are the same or different and represent a hydrogen atom or a  $C_1-C_6$  alkyl group;

Arom is a phenyl group substituted at one or two positions by one or more substituents which are the same or different and are from a substituent group  $\alpha 1$ , or a phenyl group substituted at three positions by halogen atoms;

A represents a  $C_1-C_6$  alkylene group;

$R^a$  represents a hydrogen atom, a  $C_1-C_6$  alkyl group or a  $C_2-C_6$  alkenyl group;

E represents an oxygen atom, a sulfur atom or a group of the formula  $-NR^4-$ , wherein  $R^4$  represents a hydrogen atom or a  $C_1-C_7$  alkanoyl group;

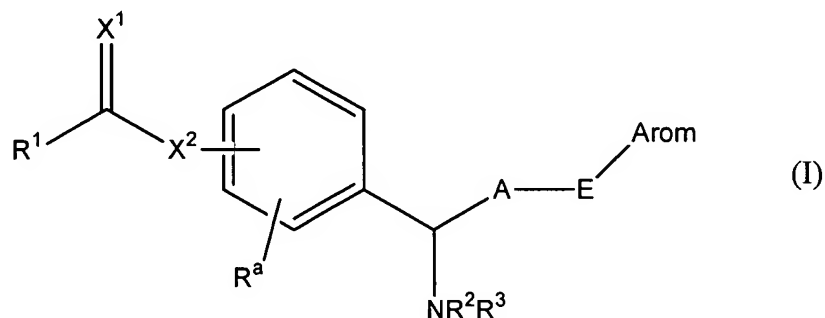
$X^1$  represents an oxygen atom or a sulfur atom;

$X^2$  is oxygen and is attached at position C4 of the phenyl ring;

the substituent group  $\alpha 1$  being selected from the group consisting of a halogen atom, unsubstituted  $C_1-C_4$  alkyl group,  $C_1-C_4$  alkyl group substituted by from 1 to 3 fluorine atoms,  $C_1-C_4$  alkoxy group,  $C_1-C_4$  alkylthio group, methylenedioxy group, ethylenedioxy group,  $C_1-C_4$  alkanoyl group, cyano group and nitro group;

or a pharmacologically acceptable salt ~~or ester~~ thereof.

**Claim 50. (currently amended)** A compound of formula (I):



wherein  $R^1$  represents a  $C_1-C_6$  alkyl group, an amino group, a  $(C_1-C_6$  alkyl) amino group, a di $(C_1-C_6$  alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

$R^2$  and  $R^3$  are the same or different and represent a hydrogen atom or a  $C_1-C_6$  alkyl group;



Arom is a phenyl group substituted at one or two positions by one or more substituents which are the same or different and are from a substituent group  $\alpha 3$ , or a phenyl group substituted at three positions by fluorine atoms;

A represents a  $C_1$ - $C_6$  alkylene group;

$R^a$  represents a hydrogen atom, a  $C_1$ - $C_6$  alkyl group or a  $C_2$ - $C_6$  alkenyl group;

E represents an oxygen atom, a sulfur atom or a group of the formula  $-NR^4-$ , wherein  $R^4$  represents a hydrogen atom or a  $C_1$ - $C_7$  alkanoyl group;

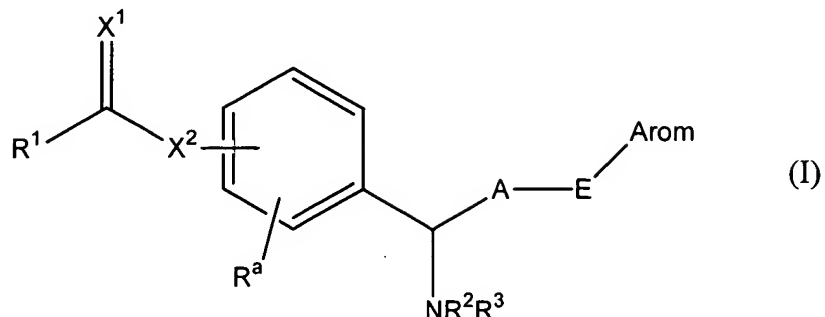
$X^1$  represents an oxygen atom or a sulfur atom;

$X^2$  is oxygen and is attached at position C4 of the phenyl ring;

the substituent group  $\alpha 3$  being selected from the group consisting of a fluorine atom, chlorine atom, methylthio group, acetyl group, cyano group and nitro group;

or a pharmacologically acceptable salt ~~or ester~~ thereof.

Claim 51. (currently amended) A compound of formula (I):



wherein  $\text{R}^1$  represents a  $\text{C}_1$ - $\text{C}_6$  alkyl group, an amino group, a  $(\text{C}_1$ - $\text{C}_6$  alkyl) amino group, a di $(\text{C}_1$ - $\text{C}_6$  alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

$\text{R}^2$  and  $\text{R}^3$  are the same or different and represent a hydrogen atom or a  $\text{C}_1$ - $\text{C}_6$  alkyl group;

$\text{Arom}$  is a phenyl group substituted at one position by a fluorine atom, a chlorine atom or a nitro group, or a phenyl group substituted at two positions by fluorine atoms;

$\text{A}$  represents a  $\text{C}_1$ - $\text{C}_6$  alkylene group;

$\text{R}^a$  represents a hydrogen atom, a  $\text{C}_1$ - $\text{C}_6$  alkyl group or a  $\text{C}_2$ - $\text{C}_6$  alkenyl group;

$\text{E}$  represents an oxygen atom, a sulfur atom or a group of the formula  $-\text{NR}^4-$ , wherein  $\text{R}^4$  represents a hydrogen atom or a  $\text{C}_1$ - $\text{C}_7$

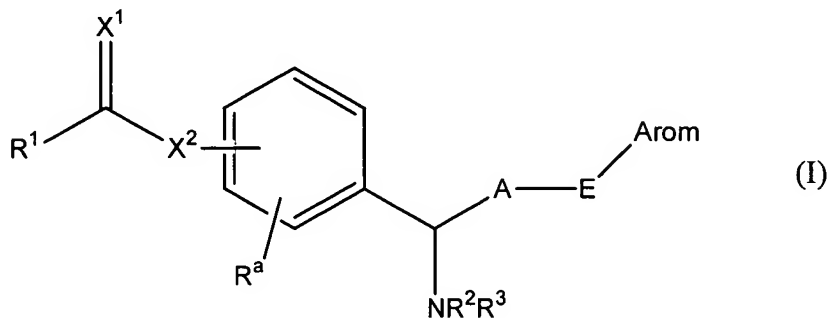
alkanoyl group;

X<sup>1</sup> represents an oxygen atom or a sulfur atom;

X<sup>2</sup> is oxygen and is attached at position C4 of the phenyl ring;

or a pharmacologically acceptable salt ~~or ester~~ thereof.

**Claim 52. (currently amended)** A compound of formula (I):



wherein R<sup>1</sup> represents a C<sub>1</sub>-C<sub>6</sub> alkyl group, an amino group, a (C<sub>1</sub>-C<sub>6</sub> alkyl) amino group, a di(C<sub>1</sub>-C<sub>6</sub> alkyl) amino group or a nitrogen-containing saturated heterocyclic group;

R<sup>2</sup> and R<sup>3</sup> are the same or different and represent a hydrogen atom or a C<sub>1</sub>-C<sub>6</sub> alkyl group;

Arom is a 4-fluorophenyl group, a 4-chlorophenyl group, a 4-nitrophenyl group or a 3,4-difluorophenyl group;

A represents a C<sub>1</sub>-C<sub>6</sub> alkylene group;

R<sup>a</sup> represents a hydrogen atom, a C<sub>1</sub>-C<sub>6</sub> alkyl group or a C<sub>2</sub>-C<sub>6</sub> alkenyl group;

E represents an oxygen atom, a sulfur atom or a group of the formula -NR<sup>4</sup>-, wherein R<sup>4</sup> represents a hydrogen atom or a C<sub>1</sub>-C<sub>7</sub> alkanoyl group;

X<sup>1</sup> represents an oxygen atom or a sulfur atom;

X<sup>2</sup> is oxygen and is attached at position C4 of the phenyl ring;

or a pharmacologically acceptable salt ~~or ester~~ thereof.

**Claim 53. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula: R<sup>1</sup>-C (=X<sup>1</sup>)- is a carbamoyl group, a (C<sub>1</sub>-C<sub>4</sub> alkyl) carbamoyl group, a di(C<sub>1</sub>-C<sub>4</sub> alkyl)carbamoyl group, a thiocarbamoyl group, a (C<sub>1</sub>-C<sub>4</sub> alkyl) thiocarbamoyl group or a di(C<sub>1</sub>-C<sub>4</sub> alkyl) thiocarbamoyl group.

**Claim 54. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula  $R^1-C(=X^1)-$  is a  $(C_1-C_4 \text{ alkyl})$  carbamoyl group, a  $di(C_1-C_4 \text{ alkyl})$ carbamoyl group, a  $(C_1-C_4 \text{ alkyl})$  thiocarbamoyl group or a  $di(C_1-C_4 \text{ alkyl})$ thiocarbamoyl group.

**Claim 55. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula  $R^1-C(=X^1)-$  is a  $di(C_1-C_4 \text{ alkyl})$ carbamoyl group.

**Claim 56. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein the group of formula  $R^1-C(=X^1)-$  is a dimethylcarbamoyl group.

**Claim 57. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to

any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein  $R^3$  is a  $C_1-C_6$  alkyl group.

**Claim 58. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein  $R^3$  is a methyl group or an ethyl group.

**Claim 59. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein  $R^3$  is a methyl group.

**Claim 60. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein  $R^2$  is a hydrogen atom or a  $C_1-C_6$  alkyl group.

**Claim 61. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein  $R^2$  is a hydrogen atom, a methyl group or an ethyl group.

**Claim 62. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein  $R^2$  is a hydrogen atom or a methyl group.

**Claim 63. (canceled)**

**Claim 64. (canceled)**

**Claim 65. (canceled)**

**Claim 66. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to

any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R<sup>a</sup> is a hydrogen atom or a methyl group.

**Claim 67. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein R<sup>a</sup> is a hydrogen atom.

**Claim 68. (currently amended)** The compound or pharmacologically acceptable salt or ester thereof according to Claims 46 or 47, wherein Arom is a phenyl group substituted at from 1 to 3 positions by one or more substituents which are the same or different and are from the substituent group  $\alpha$ , [[,]]

the substituent group  $\alpha$  being selected from the group consisting of a halogen atom, C<sub>1</sub>-C<sub>6</sub> alkyl group, halogeno C<sub>1</sub>-C<sub>6</sub> alkyl group, C<sub>1</sub>-C<sub>6</sub> alkoxy group, C<sub>1</sub>-C<sub>6</sub> alkylthio group, C<sub>1</sub>-C<sub>3</sub> alkylenedioxy group, C<sub>1</sub>-C<sub>7</sub> alkanoyl group, C<sub>2</sub>-C<sub>7</sub> alkyloxycarbonyl group, amino group, C<sub>1</sub>-C<sub>7</sub> alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group.



**Claim 69. (canceled)**

**Claim 70. (previously presented)** The compound or pharmacologically acceptable salt thereof according to Claims 46 or 47, wherein Arom is a phenyl group substituted at one or two positions by substituent(s) which are the same or different and are from a substituent group  $\alpha_2$ , or a phenyl group substituted at three positions by fluorine atoms or chlorine atoms; substituent group  $\alpha_2$  being selected from the group consisting of a fluorine atom, chlorine atom, methyl group, trifluoromethyl group, methoxy group, methylthio group, acetyl group, cyano group and nitro group.

**Claim 71. (previously presented)** The compound or pharmacologically acceptable salt thereof according to Claims 46 or 47, wherein Arom is a phenyl group substituted at one or two positions by one or more substituents which are the same or different and are from a substituent group  $\alpha_4$ , or a phenyl group substituted at three positions by fluorine atoms;

substituent group  $\alpha_4$  being selected from the group consisting of a fluorine atom, chlorine atom, methylthio group and nitro group.

**Claim 72. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein A is a  $C_1$ - $C_4$  alkylene group.

**Claim 73. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein A is a methylene group or an ethylene group.

**Claim 74. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein A is an ethylene group.

**Claim 75. (canceled)**

**Claim 76. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 47, 48, 49, 50, 51 or 52, wherein E is an oxygen atom.

**Claim 77. (canceled)**

**Claim 78. (canceled)**

**Claim 79. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein R<sup>1</sup> is an amino group, a (C<sub>1</sub>-C<sub>6</sub> alkyl)amino group or a di(C<sub>1</sub>-C<sub>6</sub> alkyl)amino group.

**Claim 80. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein R<sup>1</sup> is an amino group, a (C<sub>1</sub>-C<sub>4</sub> alkyl)amino group or a di(C<sub>1</sub>-C<sub>4</sub> alkyl)amino group.

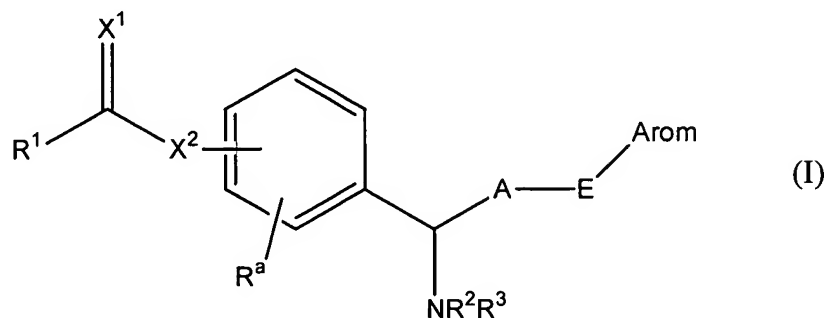
**Claim 81. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to

any one of Claims 46, 49, 50, 51 or 52, wherein  $R^1$  is a  $(C_1-C_4$  alkyl)amino group or a di $(C_1-C_4$  alkyl)amino group.

**Claim 82. (previously presented)** The compound or pharmacologically acceptable salt or ester thereof according to any one of Claims 46, 49, 50, 51 or 52, wherein  $X^1$  is an oxygen atom.

**Claim 83. (currently amended)** The compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 46, wherein the compound is 4-[3-(4-nitrophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate.

**Claim 84. (previously presented)** A compound of the formula (I):



wherein  $R^1$  represents a  $C_1-C_6$  alkyl group, an amino group, a  $(C_1-C_6$  alkyl)amino group, a di $(C_1-C_6$  alkyl)amino group or a nitrogen-containing saturated heterocyclic group;

$R^2$  and  $R^3$  are the same or different and represent a hydrogen atom or a  $C_1-C_6$  alkyl group;

Arom represents an unsubstituted phenyl group or a phenyl group substituted at from 1 to 3 positions by substituents, which are the same or different and are from a substituent group  $\alpha$ ;

A represents a  $C_1-C_6$  alkylene group;

E represents an oxygen atom, a sulfur atom or a group of the formula  $-NR^4-$ , wherein  $R^4$  represents a hydrogen atom or a  $C_1-C_7$  alkanoyl group;

$X^1$  represents an oxygen atom or a sulfur atom;

$X^2$  is oxygen and is attached at position C4 of the phenyl ring;

the substituent group  $\alpha$  being selected from the group consisting of a halogen atom,  $C_1-C_6$  alkyl group, halogeno  $C_1-C_6$  alkyl group,  $C_1-C_6$  alkoxy group,  $C_1-C_6$  alkylthio group,  $C_1-C_3$  alkylendioxy group,  $C_1-C_7$  alkanoyl group,  $C_2-C_7$  alkyloxycarbonyl

group, amino group, C<sub>1</sub>-C, alkanoylamino group, hydroxyl group, mercapto group, cyano group, nitro group and carboxyl group; or a pharmacologically acceptable salt or ester thereof.

**Claim 85. (previously presented)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 46, in combination with a pharmaceutically acceptable carrier.

**Claim 86. (previously presented)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47, in combination with a pharmaceutically acceptable carrier.

**Claim 87. (previously presented)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to

Claim 48, in combination with a pharmaceutically acceptable carrier.

**Claim 88. (currently amended)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 49, in combination with a pharmaceutically acceptable carrier.

**Claim 89. (currently amended)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 50, in combination with a pharmaceutically acceptable carrier.

**Claim 90. (currently amended)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according

to Claim 51, in combination with a pharmaceutically acceptable carrier.

**Claim 91. (currently amended)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 52, in combination with a pharmaceutically acceptable carrier.

**Claim 92. (previously presented)** A pharmaceutical composition comprising a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 83, in combination with a pharmaceutically acceptable carrier.

**Claims 93 to 101. (canceled)**

**Claim 102. (previously presented)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a mammal



comprising administering to a mammal a pharmaceutically effective amount of a compound or a pharmacologically acceptable salt or ester thereof according to Claim 46.

**Claim 103. (previously presented)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 46.

**Claim 104. (previously presented)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47.

**Claim 105. (previously presented)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 48.

**Claim 106. (currently amended)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 49.

**Claim 107. (currently amended)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 50.

**Claim 108. (currently amended)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 51.

**Claim 109. (currently amended)** A method for treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 52.

**Claim 110. (canceled)**

**Claim 111. (previously presented)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or

pharmacologically acceptable salt or ester thereof according to Claim 46.

**Claim 112. (previously presented)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 47.

**Claim 113. (previously presented)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt or ester thereof according to Claim 48.

**Claim 114. (currently amended)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or

pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 49.

**Claim 115. (previously presented)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 50.

**Claim 116. (currently amended)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 51.

**Claim 117. (currently amended)** A method for treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically effective amount of a compound or

pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 52.

**Claim 118. (canceled)**

**Claim 119. (currently amended)** The compound or pharmacologically acceptable salt ~~or ester~~ thereof according to Claim 46, wherein  $R^1$  is a dimethylamino group,  $X^1$  and  $X^2$  are both oxygen,  $R_a$  is H,  $R^2$  is hydrogen,  $R^3$  is methyl, A is  $-C_2H_4$ , E is oxygen and Arom is a phenyl group substituted in the 4-position by a  $NO_2$  group.

**Claim 120. (currently amended)** The compound according to claim 46, wherein the compound is selected from the group consisting of

4-[3-(4-fluorophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,

4-[3-(3-fluorophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,

4-[3-(4-chlorophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,

4-[3-(3-chlorophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,

4-[3-(4-nitrophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,

4-[3-(3,4-difluorophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,  
4-[3-(4-chloro-3-fluorophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,  
4-[3-(2-chloro-4-nitrophenoxy)-1-methylaminopropyl]phenyl  
dimethylcarbamate,  
4-[1-dimethylamino-3-(4-fluorophenoxy)propyl]phenyl  
dimethylcarbamate,  
4-[1-dimethylamino-3-(3-fluorophenoxy)propyl]phenyl  
dimethylcarbamate,  
4-[3-(4-chlorophenoxy)-1-dimethylaminopropyl]phenyl  
dimethylcarbamate,  
4-[3-(3-chlorophenoxy)-1-dimethylaminopropyl]phenyl  
dimethylcarbamate,  
4-[3-(4-cyanophenoxy)-1-dimethylaminopropyl]phenyl  
dimethylcarbamate,  
4-[1-dimethylamino-3-(4-nitrophenoxy)propyl]phenyl  
dimethylcarbamate,  
4-[3-(3,4-difluorophenoxy)-1-dimethylaminopropyl]phenyl  
dimethylcarbamate,  
4-[3-(2-chloro-4-nitrophenoxy)-1-dimethylaminopropyl]phenyl  
dimethylcarbamate,  
4-[3-(4-nitrophenylsulfanyl)-1-methylaminopropyl]phenyl  
dimethylcarbamate,  
~~4-(1-methylamino-3-p-toluyloxypropyl)phenyl dimethylcarbamate-~~  
hydrochloride[[,]]

4-[1-methylamino-3-[(4-trifluoromethyl)phenoxy]propyl]phenyl dimethylcarbamate,  
4-[3-(4-cyanophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate and  
4-[1-methylamino-3-(3-nitrophenoxy)propyl]phenyl dimethylcarbamate  
or a pharmacologically acceptable salt ~~or ester~~ thereof, or 4-(1-methylamino-3-p-toluyloxypropyl)phenyl dimethylcarbamate hydrochloride.

**Claim 121. (currently amended)** The compound according to claim 46, wherein the compound is 4-[3-(4-chlorophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate or a pharmacologically acceptable salt ~~or ester~~ thereof.

**Claim 122. (currently amended)** The compound according to claim 46, wherein the compound is (S)-4-[3-(4-nitrophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate or a pharmacologically acceptable salt ~~or ester~~ thereof.

**Claim 123. (currently amended)** The compound according to claim 46, wherein the compound is (S)-4-[3-(4-chlorophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate or a pharmacologically acceptable salt ~~or ester~~ thereof.

**Claim 124. (previously presented)** The compound according to claim 46, wherein the compound is (S)-4-[3-(4-nitrophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate hydrochloride.



**Claim 125. (previously presented)** The compound according to claim 46, wherein the compound is (S)-4-[3-(4-chlorophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate hydrochloride.

**Claim 126. (previously presented)** The compound according to claim 46, wherein the compound is (S)-4-[3-(4-nitrophenoxy)-1-methylaminopropyl]phenyl dimethylcarbamate hemifumarate.

**Claim 127. (previously presented)** The compound according to claim 46, wherein the compound is (S)-4-[3-(4-chlorophenoxy)-1-methylaminopropyl] phenyl dimethylcarbamate hemifumarate.

**Claim 128. (currently amended)** A method of treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically ~~acceptable~~ effective amount of a compound or a pharmaceutically acceptable salt thereof according to any one of claims 83, 121, 122 or 123.

**Claim 129. (currently amended)** A method of treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising administering to said human a pharmaceutically ~~acceptable~~ effective amount of a compound according to any one of claims 124, 125, 126 or 127.

**Claim 130. (currently amended)** A method of treating depression, Huntington's chorea, Pick's disease, tardive dyskinesia, a compulsive disorder or a panic disorder in a human comprising

administering to said human a pharmaceutically ~~acceptable~~  
effective of a compound according to claim 126.

**Claim 131. (currently amended)** A method of treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically ~~acceptable~~ effective amount of a compound or pharmaceutically acceptable salt thereof according to any one of claims 83, 121, 122 or 123.

**Claim 132. (currently amended)** A method of treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically ~~acceptable~~ effective amount of a compound according to any one of claims 124, 125, 126 or 127.

**Claim 133. (currently amended)** A method of treating Alzheimer's disease in a human comprising administering to said human a pharmaceutically ~~acceptable~~ effective amount of a compound ~~or pharmaceutically acceptable salt thereof~~ according to claim 126.